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\$1637

**TRANSMITTAL
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(to be used for all correspondence after initial filing)

Application Number	09/470,276
Filing Date	December 22, 1999
First Named Inventor	Kolodner et al.
Art Unit	1637
Examiner Name	Fredman, J.
Attorney Docket Number	700157-047483-C

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Ronald I. Eisenstein (30,628); Nixon Peabody LLP
Signature	<i>Ronald I. Eisenstein</i>
Date	5/6/03

CERTIFICATE OF TRANSMISSION/MAILING

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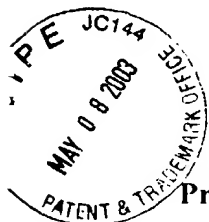
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Practitioner's Docket No. 700157/47483-C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kolodner et al.

Application No.: 09/470,276

Group No.: 1637

Filed: 12/22/1999

Examiner: Fredman, J.

For: A METHOD OF DETECTION OF ALTERATIONS IN MSH5

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AMENDMENT

In response to the Office Action dated January 6, 2003, enclosed is a Petition for a One Month Extension of Time and payment of fee. Please amend the above-described application as follows in the claims.

CLAIMS

1. [CANCELED]
2. [PREVIOUSLY AMENDED] An isolated and purified nucleotide segment having the sequence as set forth in SEQ ID NO:1, wherein said segment is no more than 6000 nucleotides.
3. [CURRENTLY AMENDED] An isolated nucleotide sequence segment consisting of no more than 3000 nucleotides containing a fragment of at least 25 contiguous nucleotides from the coding region as set forth in SEQ ID NO:1, at least one exon from SEQ ID NO:1, wherein the sequence is selected from the group consisting of exons 1-24 and combinations thereof wherein exon 1 starts at position 235 and continues continuously for 221 basepairs, exon 2 is the next 160 basepairs, exon 3 is the next 124 basepairs, exon 4 is the next 81 basepairs, exon 5 is the next 63 basepairs, exon 6 is the next 122 basepairs, exon 7 is the next 110 basepairs, exon 8 is the next 36 basepairs, exon 9 is the next 83 basepairs, exon 10 is the next 46 basepairs, exon 11 is the next 139 basepairs, exon 12 is the next 63 basepairs, exon 13 is the next 129 basepairs, exon 14 is the next 73 basepairs, exon 15 is the next 110 basepairs, exon 16 is the next 81 basepairs, exon 17 is the next 88 basepairs, exon 18 is the next 190 basepairs, exon 19 is the next 127 basepairs, exon 20 is the next 150 basepairs, exon 21 is the next 75 basepairs, exon 22 is the next 144 basepairs, exon 23 is the next 138 basepairs and exon 24 is the next 74 basepairs.